

Bereskin & Parr

INTELLECTUAL PROPERTY LAW



February 21, 2005

Scott R. Pundsack B.A.Sc. (Civil Eng.), LL.B.
416 957 1698 spundsack@bereskinparr.com

Our Reference: 4320-241

Supplemental Information Disclosure Statement

Mail Stop RCE

Honorable Commissioner of Patents

P.O. Box 1450

Alexandria, Virginia

22313-1450

Dear Sir:

Re: United States Design Application No. 09/621,234

**For: VERTICAL CYLINDRICAL SKEIN OF HOLLOW FIBER MEMBRANES
AND METHOD OF MAINTAINING CLEAN FIBER SURFACES**

Applicants: HENSHAW et al

Filed: July 20, 2000

In accordance with 37 CFR 1.56 and 1.97, the applicant hereby submits a supplemental Information Disclosure Statement including form PTO/SB/08b. This Information Disclosure Statement is submitted with a Request for Continued Examination and no fee is required.

Respectfully submitted,

HENSHAW ET AL.

By:

Scott R. Pundsack

Registration No. 47,330

/js

Encl.

2000 Argentinia Road, Plaza 4, Suite 430, Mississauga, Ontario, Canada L5N 1W1

Tel: 905.812.3600 Fax: 905.814.0031 www.bereskinparr.com

TORONTO MISSISSAUGA WATERLOO



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	09/621,234
Filing Date	July 20, 2000
First Named Inventor	HENSHAW
Art Unit	1723
Examiner Name	FORTUNA, Ana M.
Attorney Docket Number	4320-241

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 6,402,955	06-11-2002	Ookata	
		US- 4,668,401	05-26-1987	Okumura et al.	
		US- 3,853,756	12-10-1974	Stana	
		US- 5,035,799	07-30-1991	Rosberg et al.	
		US- 3,992,301	11-16-1976	Shippey et al.	
		US- 3,794,169	02-26-1974	Sisk et al.	
		US- 4,253,962	03-03-1981	Thompson	
		US- 4,176,063	11-27-1979	Tyler	
		US- 4,184,963	01-22-1980	Sternberg	
		US- 4,206,055	06-03-1990	Hauk et al.	
		US- 4,466,888	08-21-1984	Verkaart	
		US- 4,610,792	09-09-1986	Van Gils et al.	
		US- 4,746,433	05-24-1988	Nöbl et al.	
		US- 4,755,305	07-05-1988	Fremont et al.	
		US- 4,765,915	08-23-1988	Diehl	
		US- 4,842,724	06-27-1989	Bray et al.	
		US- 4,880,545	11-14-1989	Swamikannu	
		US- 5,043,071	08-27-1997	Anselme et al.	
		US- 2002-0195390	12-26-2002	Zha et al.	

FOREIGN PATENT DOCUMENTS

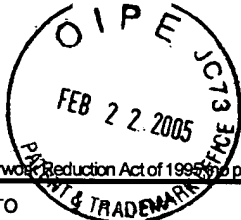
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP 05-154362	06-22-1993	Ebara Inflico Co. Ltd.		✓
		English language abstract of JP05-154362				
		JP06-023245	02-01-1994	Ebara Inflico Co. Ltd.		✓
		English language abstract of JP06-023245				
		JP08-206472	08-13-1996	Sumitomo Heavy Ind. Ltd		✓
		English language abstract of JP08-206472				Machine & Human Translation of paragraphs 17-22

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 5

Complete if Known

Application Number	09/621,234
Filing Date	July 20, 2000
First Named Inventor	HENSHAW
Art Unit	1723
Examiner Name	FORTUNA, Ana M.
Attorney Docket Number	4320-241

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 5,053,143	10-01-1991	Miller et al.	
		US- 5,380,437	01-10-1995	Bertoncini	
		US- 5,409,609	04-25-1995	Soria et al.	
		US- 5,024,762	06-18-1991	Ford et al.	
		US- 4,935,143	06-19-1990	Kopp et al.	
		US- 4,931,186	06-05-1990	Ford et al.	
		US- 4,767,539	08-30-1988	Ford	
		US- 4,655,927	04-07-1987	Ford	
		US- 4,537,740	08-27-1985	Colburn	
		US- 4,414,113	11-08-1983	LaTerra	
		US- 4,401,567	08-30-1983	Shindo et al.	
		US- 4,002,567	01-11-1977	Konno et al.	
		US- 6,627,082	09-30-2003	Del Vecchio et al.	
		US- 6,589,426	07-08-2003	Husain et al.	
		US- 3,637,079	01-25-1972	Strub	
		US- 5,468,397	11-21-1995	Barboza et al.	
		US- 5,227,076	07-13-1993	Bogen et al.	
		US- 2,570,132	10-02-1951	Koupal	
		US- 4,411,785	10-25-1983	Yu et al.	
		US- 5,690,830	11-25-1997	Ohtanni et al.	

FOREIGN PATENT DOCUMENTS

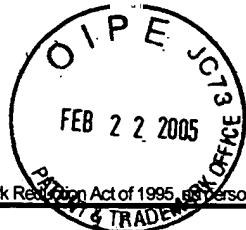
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP09-290261	11-11-1997	Nitto Denko Corp.		✓ Machine
		English language abstract of JP09-290261				
		JP08-131785	05-28-1996	Kubota Corp.		✓ Partial Machine
		English language abstract of JP08-131785				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/08b(08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

3

of

5

Complete if Known

Application Number	09/621,234
Filing Date	July 20, 2000
First Named Inventor	HENSHAW
Art Unit	1723
Examiner Name	FORTUNA, Ana M.
Attorney Docket Number	4320-241

FOREIGN PATENT DOCUMENTS

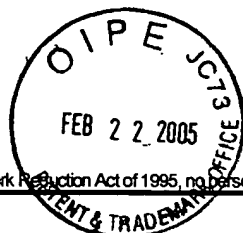
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP07-047245	02-21-1995	Kurita Water Ind. Ltd		✓
		JP06-218237	08-09-1994	Kubota Corp.		✓ Machine
		English language abstract of JP06-218237				
		English language abstract of JP09-308882	12-02-1997	Kubota Corp.		
		English language abstract of JP08-318141	12-03-1996	Mitsui Eng & Shipbuild Co. Ltd		
		English language abstract of JP09-248432	09-22-1997	Kubota Corp.		
		English language abstract of JP07-132213	05-23-1995	Ebara Corp.		
		JP10-277599	10-20-1998	Mitsubishi Rayon Co. Ltd. et al.		✓ Partial Machine
		English language abstract of JP10-277599				
		EP0427376	05-15-1991	Romicon Inc.		
		JP08-257372	10-08-1996	Mitsubishi Rayon Eng Co. Ltd. et al.		✓ Machine
		English language abstract of JP08-257372				
		WO85/01449	04-11-1985	Memtec Limited		
		WO 88/00494	01-28-1988	Memtec Limited		
		WO 86/05997	10-23-1986	Memtec Limited		
		WO 86/05697	10-09-1986	Kureha Chemical Ind Co Ltd		
		WO 86/05116	09-12-1986	Memtec Limited		
		GB 2120952A	12-14-1983	JGC Corporation		
		English language abstract of JP2000-288575	10-17-2000	Ishikawajimi Harima Heavy Ind. Co. Ltd.		
		English language abstract of JP07-227526	08-29-1995	Nitto Denko Corp.		
		English language abstract of JP61-197005	09-01-1986	Ebara Corp.		
		English language abstract of JP2003-251158	09-09-2003	Toyobo Co. Ltd.		
		English language abstract of JP2003-053160	02-25-2003	Mitsubishi Rayon Co. Ltd.		
		English language abstract of JP2003-053159	02-25-2003	Japan Organo Co. Ltd.		
		English language abstract of JP2000-300965	10-31-2000	Hitachi Plant Eng. & Constr Co Ltd.		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/08b(08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4 of 5

Complete if Known

Application Number	09/621,234
Filing Date	July 20, 2000
First Named Inventor	HENSHAW
Art Unit	1723
Examiner Name	FORTUNA, Ana M.
Attorney Docket Number	4320-241

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		English language abstract of JP2000-237548	09-05-2000	Tokyo Denki Komusho Co Ltd.		
		English language abstract of JP11-156166	06-15-1999	Mitsubishi Heavy Ind Ltd		
		English language abstract of JP10-015365	01-20-1998	Kurita Water Ind. Ltd.		
		JP08-252438	10-01-1996	Maezawa Ind Inc.		✓ Partial Machine
		English language abstract of JP08-252438				
		English language abstract of JP01-293103	11-27-1989	Kurita Water Ind Ltd.		
		English language abstract of JP04-126528	04-27-1992	Ebara Inflico Co. Ltd.		
		JP2003-340497	12-02-2003	Hitachi Plant Eng & Constr Co. Ltd.		✓ Partial Machine
		English language abstract of JP2003-340497				
		JP2003-320400	11-11-2003	Hitachi Plant Eng & Constr Co. Ltd.		✓ Partial Machine
		English language abstract of JP2003-320400				
		English language abstract of JP09-075689	03-25-1997	Mitsubishi Rayon Co. Ltd. et al.		
		English language abstract of JP09-239246	09-16-1997	Nok Corp.		
		English language abstract of JP10-118470	05-12-1998	Mitsubishi Rayon Co. Ltd.		
		English language abstract of JP11-047562	02-23-1999	Inax Corp.		
		English language abstract of JP11-090190	04-06-1999	Shinko Pantec Co Ltd.		
		English language abstract of JP07-116482	05-09-1995	Kurita Water Ind. Ltd		
		English language abstract of JP06-277664	10-04-1994	Daicel Chem Ind Ltd		
		English language abstract of JP05-184884	07-27-1993	Mitsubishi Rayon Co. Ltd.		
		English language abstract of JP04-131182	05-01-1992	Ebara Inflico Co. Ltd et al.		
		WO01/21531 A1	03-29-2001	SK Chemicals Co. Ltd.		
		English language abstract of JP03-284397	12-16-1991	Yanmar Diesel Engine Co. Ltd.		
		EP0388546 B1	09-26-1990	Culkin, Joseph B.		
		English language abstract of JP63-175605	07-20-1988	Saitama Pref Gov Toubu		
		English language abstract of JP09-138298	05-27-1997	Hitachi Ltd et al.		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

